

KBM Trypsin AOF

Product summary

KBM Trypsin AOF is a cell detachment solution with an optimized trypsin concentration to reduce damage during the detachment process of stem cells such as mesenchymal stem cells and iPS cells during passaging.

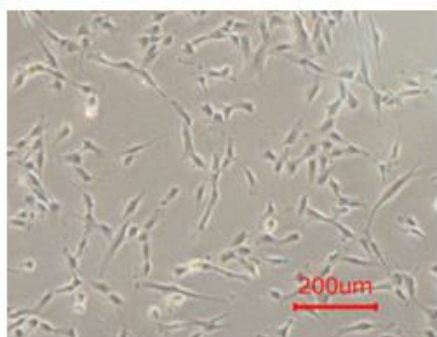
It also contains no animal-derived raw materials, thus reducing the risk of rejection and viral infection.

Features

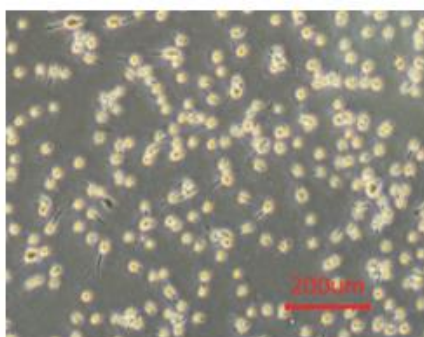
- No animal-derived raw materials are used.
- No stop solution is required.
- The use of recombinant trypsin suppresses compositional variation between production lots and within the same production lot.



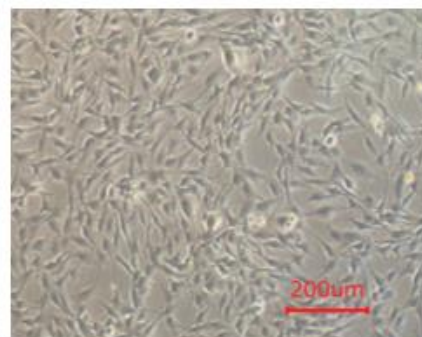
Cell culture example



Before adding KBM Trypsin AOF



5 mins after adding KBM Trypsin AOF



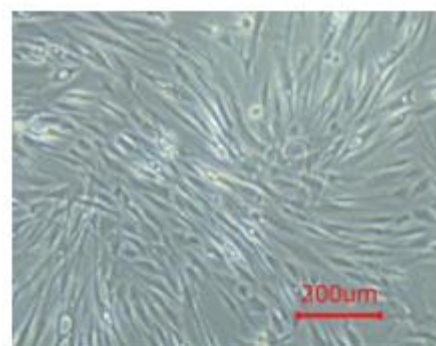
1 day after seeding

[Cultivation conditions]

Cell: Adipose-derived stem cell
 Medium: KBM ADSC-4
 Vessel: 6well plate
 Condition: Static culture in 37°C•5% carbon dioxide gas environment
 Imaging Assay: 1 day after seeding and after 15 passages

[Protocol]

1. Rinse cells once with D-PBS(-).
2. Add 500 µL of KBM Trypsin AOF.
3. Leave it at room temperature for 5 mins.
4. Check the degree of cell detachment under a microscope and detach completely by tapping.
5. Collect cells in a tube and add 10 mL of medium.
6. Centrifuge and remove supernatant and reseed.



Cells after 15 passages
 Cell morphology is not affected in long-term culture.

Product No	Product Name	Size	Price	Shelf Life	Storage
16030310	KBM Trypsin AOF	100 mL	JPY 4,000	30 months	-20°C

* This product is sold for research purpose only.